

Applicant(s): James et al.  
Application No. 09/291,426  
Page 14

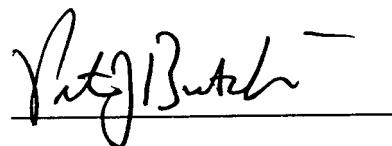
Docket No. P22,577-G-USA

amendment. The attached page is captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE.**"

The Examiner is requested to telephone the undersigned at the number below if he still believes that there are objections remaining to this application. If there are any additional charges in connection with this amendment, the Examiner is authorized to charge Applicants' Deposit Account No. 19-5425 therefor.

Respectfully submitted,

Dated: January 10, 2003



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Reg. No. 32,203

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Claims**

Claim 19 has been cancelled without prejudice.

Claims 1 and 10 have been amended as follows:

1. (Twice Amended) A copolymer library comprising a number of homologously bivariant copolymers sufficient to incrementally establish quantitative structure-property correlations, said copolymer library consisting of plurality of different strictly alternating A-B type copolymers each separately polymerized in parallel under essentially the same polymerization conditions from monomers consisting essentially of:

(1) a first monomer selected from the group consisting of a first homologously varying series of monomers with the same polymerizable functional groups; and

(2) a second monomer selected from the group consisting of a homologously varying series of second monomers having the same polymerizable functional groups that are reactive with the polymerizable functional groups of said first series of monomers to form strictly alternating A-B type copolymers;

wherein (A) said homologous variations of said first and second monomer series are selected to be complimentary to one another so that the homologous variations of said first

monomer series have a different influence on polymer properties than the homologous variations of said second monomer series; and

(B) the monomers within each monomer series are selected to have comparable reactivities at said polymerizable functional groups to permit the same polymerization conditions to be employed for each parallel synthesis reaction in a way that results in all polymers being of sufficiently high molecular weight and similar polydispersity.

10. (Twice Amended) A condensation polymer library comprising a number of homologously bivariant copolymers sufficient to incrementally establish quantitative structure-property correlations, said copolymer library consisting of plurality of strictly alternating A-B type copolymers each separately polymerized in parallel under essentially the same polymerization conditions from monomers consisting essentially of:

(1) a first monomer selected from the group consisting of a first homologously varying series of monomers homologously varying along the monomer backbone and having with the same polymerizable functional groups; and

(2) a second monomer selected from the group consisting of a homologously varying second series of second monomers with one homologously varying substituent group and having with the same polymerizable functional groups that are reactive with the polymerizable functional groups of said first series of monomers to condense to form said strictly alternating A-B type copolymers;

wherein the monomers within each monomer series are selected to have comparable reactivities at said polymerizable functional groups to permit the same

Applicant(s): James et al.  
Application No. 09/291,426  
Page 17

Docket No. P22,577-G-USA

polymerization conditions to be employed for each parallel synthesis reaction in a way that  
results in all polymers being of sufficiently high molecular weight and similar polydispersity.

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